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Pancreas, secretions
Proglumide inhibits cholecystokinin and meal-stimulated pancreatic secretion and release of pancreatic polypeptide (Beauchamp et al). 1990;108:553-8
Pancreas transplantation
Beneficial effects of fetal liver tissue on fetal pancreatic transplantation (Tafra et al). 1990;108:734-41
Reversal of diabetic somatic neuropathy by whole-pancreas transplantation (Orloff et al). 1990;108:179-90
Pancreatectomy
Long survival of a woman with a huge leiomyosarcoma of the duodenum after pancreaticoduodenectomy and transverse colectomy: a case report (Watanabe et al). 1990;108:110-3 (Brief clin. rep.)
Pancreatogastrostomy: a safe drainage procedure after pancreatoduodenectomy (Delcore et al). 1990;108:641-7
Pancreatic neoplasms
Adoptive immunotherapy of human pancreatic cancer with lymphokine-activated killer cells and interleukin-2 in a nude mouse model (Marincola et al). 1990;108:919-29
Nonendocrine cancer of the pancreas in patients under age forty years (Ivy et al). 1990;108:481-7
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Proglumide inhibits cholecystokinin and meal-stimulated pancreatic secretion and release of pancreatic polypeptide (Beauchamp et al). 1990;108:553-8
The utility of circulating levels of human pancreatic polypeptide as a marker for islet cell tumors (Langstein et al). 1990;108:1109-16
Pancreatic pseudocyst
Afferent loop obstruction presenting as acute pancreatitis and pseudocyst: case reports and review of the literature (Conter et al). 1990;108:22-7
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Pancreatitis
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Paraganglioma
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Parathyroid glands
Characterization of a simplified method of cryopreserving human parathyroid tissue (Saxe et al). 1990;108:1033-9
Function in athymic nude mice of parathyroid heterografts from patients with primary hyperparathyroidism and secondary hyperparathyroidism (Schachter et al). 1990;108:1040-6
Presidential address: the glands of Owen—a perspective on the history of hyperparathyroidism (Thomas). 1990;108:939-50 (Pres. address)
In vitro assessment of parathyroid immunogenicity: the effect of cryopreservation (Saxe et al). 1990;108:56-62
Parathyroid hormones; *see also* **Hyperparathyroidism**
Evaluation of metastatic cardiac calcification in a model of chronic primary hyperparathyroidism (Thompson et al). 1990;108:1047-51
Hyperparathyroidism and cellular mechanisms of gastric acid secretion (Wise et al). 1990;108:1058-64
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Parathyroid neoplasms
Endosonography in the localization of parathyroid tumors: a preliminary study (Henry et al). 1990;108:1021-5
Lithiumogenic disorders of the thyroid and parathyroid glands as surgical disease (McHenry et al). 1990;108:1001-5
Multiple parathyroid adenomas: report of thirty-three cases (Attie et al). 1990;108:1014-20
Parathyroidectomy
Severe primary hyperparathyroidism in a neonate having a parent with hypercalcemia: treatment by total parathyroidectomy and simultaneous heterotopic autotransplantation (Fujimoto et al). 1990;108:933-8 (Brief clin. rep.)
Parenteral hyperalimentation
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Parietal cells, gastric
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Peptic ulcer
Hyperparathyroidism and cellular mechanisms of gastric acid secretion (Wise et al). 1990;108:1058-64
Peptic ulcer hemorrhage
Heat probe thermocoagulation as a substitute for surgical intervention to arrest massive peptic ulcer hemorrhage: an experience in 153 cases (Lin et al). 1990;108:18-21

Peptides
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Percutaneous transluminal angioplasty; *see* **Angioplasty, transluminal**
Pericardiotomy
Subxiphoid pericardiotomy versus echocardiography: a prospective evaluation of the diagnosis of occult penetrating cardiac injury (Jimenez et al). 1990;108:676-80
Peritoneal neoplasms, secondary
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Permeability
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Platelet factor
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Long-term effects of dietary calcium on risk markers for colon cancer in patients with familial polyposis (Stern et al). 1990;108:528-33
Polypropylenes
Incisional parapubic hernias (Bendavid). 1990;108:898-901
Portal vein
Hepatic resection for advanced hepatocellular carcinoma with removal of portal vein tumor thrombi (Kumada et al). 1990;108:821-7
Portal vein resection with a new antithrombogenic catheter (Nakao et al). 1990;108:913-8
Pretransplant portal venous administration of donor antigen and portal venous allograft drainage synergistically prolong rat cardiac allograft survival (Kamei et al). 1990;108:415-22
Postoperative complications
Development and reversal of endotoxemia and endotoxin-related death in obstructive jaundice (Diamond et al). 1990;108:370-5
An experimental assessment of the effect of blood transfusion on susceptibility to bacterial infection (Galandiuk et al). 1990;108:567-71
Nutritional consequences of total gastrectomy: the relationship between mode of reconstruction, postprandial symptoms, and body composition (Miholic et al). 1990;108:488-94
Pregnancy complications, neoplastic
Management of Cushing's syndrome secondary to adrenal adenoma during pregnancy (Pricolo et al). 1990;108:1072-8
Proglumide
Proglumide inhibits cholecystokinin and meal-stimulated pancreatic secretion and release of pancreatic polypeptide (Beauchamp et al). 1990;108:553-8
Prostaglandin synthase
Adaptive cytoprotection of gastric surface epithelial cells against injury by physiologic concentrations of bile acid (Dempsey et al). 1990;108:348-55
Both cyclooxygenase-dependent and cyclooxygenase-independent pathways mediate the neuroendocrine response in humans (Michie et al). 1990;108:254-61
Prostaglandins
Decreased parietal cell acid secretion after vagotomy is not associated with altered gastric prostaglandin levels (Zdon et al). 1990;108:763-8
Obstructive jaundice and renal failure in the rat: the role of renal prostaglandins and the renin-angiotensin system (O'Neill et al). 1990;108:356-62
Prosthesis
Incisional parapubic hernias (Bendavid). 1990;108:898-901
Protein-calorie malnutrition
Protein-calorie malnutrition inhibits antitumor response to interleukin-2 immunotherapy (Lieberman et al). 1990;108:452-9
Protein-synthesis inhibitors
Interaction between corticosterone and tumor necrosis factor stimulated protein breakdown in rat skeletal muscle, similar to sepsis (Hall-Angerås et al). 1990;108:460-6
Protons
Inhibition of parietal cell H^+ secretion by transforming growth factor alpha: a possible autocrine regulatory mechanism (Lewis et al). 1990;108:220-7
Modulation of the macrophage respiratory burst by an acidic environment: the critical role of cytoplasmic pH regulation by proton extrusion pumps (Swallow et al). 1990;108:363-9
Pseudoaneurysm
Gastric outlet obstruction caused by traumatic pseudoaneurysm of superior mesenteric artery (Rappaport et al). 1990;108:930-2 (Brief clin. rep.)
Pseudomonas infections
Additive effects of thermal injury and infection on the small bowel (Jones et al). 1990;108:63-70

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Radiotherapy
Extraadrenal retroperitoneal paragangliomas: natural history and response to treatment (Sclafani et al). 1990;108:1124-30
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N-*ras* 61 oncogene mutations in Hürthle cell tumors (Schark et al). 1990;108:994-1000
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Renin-angiotensin system
Obstructive jaundice and renal failure in the rat: the role of renal prostaglandins and the renin-angiotensin system (O'Neill et al). 1990;108:356-62
Reperfusion injury
Gastric mucosal injury caused by hemorrhagic shock and reperfusion: protective role of the antioxidant glutathione (Stein et al). 1990;108:467-74
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Early tracheostomy for primary airway management in the surgical critical care setting (Rodriguez et al). 1990;108:655-9
Resuscitation
Molecular biology of circulatory shock. Part II: expression of four groups of hepatic genes is enhanced after resuscitation from cardiogenic shock (Buchman et al). 1990;108:559-66
Risk factors
Long-term effects of dietary calcium on risk markers for colon cancer in patients with familial polyposis (Stern et al). 1990;108:528-33
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Saphenous vein, transplantation
Intimal thickening and permeability of arterial autogenous vein graft in a canine poor-runoff model: transmission electron microscopic evidence (Mii et al). 1990;108:81-9
Scan, duplex; *see* **Duplex scan**
Sepsis; *see* **Bacterial infections**
Serotonin
The effect of somatostatin on 5-hydroxytryptamine release from a carcinoid tumor (Lawrence et al). 1990;108:1131-5
Shock
Molecular biology of circulatory shock. Part III: human hepatoblastoma (HepG2) cells demonstrate two patterns of shock-induced gene expression that are independent, exclusive, and prioritized (Cabin and Buchman). 1990;108:902-12
Shock, cardiogenic
Molecular biology of circulatory shock. Part II: expression of four groups of hepatic genes is enhanced after resuscitation from cardiogenic shock (Buchman et al). 1990;108:559-66
Shock, hemorrhagic
Gastric mucosal injury caused by hemorrhagic shock and reperfusion: protective role of the antioxidant glutathione (Stein et al). 1990;108:467-74

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Inhibition of CD18-dependent neutrophil adherence reduces organ injury after hemorrhagic shock in primates (Mileski et al). 1990;108:206-12
Silicone elastomers
Decollateralization with silicone rubber sheeting for advanced hepatocellular carcinoma: a preliminary report (Sasaki et al). 1990;108:840-6
Silver sulfadiazine
Use of homologous platelet factors in achieving total healing of recalcitrant skin ulcers (Atri et al). 1990;108:508-12
Skeletal muscle
Interaction between corticosterone and tumor necrosis factor stimulated protein breakdown in rat skeletal muscle, similar to sepsis (Hall-Angerås et al). 1990;108:460-6
Skin pigmentation
Monitoring skin fluorescein delivery independent of skin pigmentation (Silverman et al). 1990;108:48-55
Skin ulcer
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Small intestine; *see* **Intestine, small**
Smoke inhalation injury
Moderate smoke inhalation produces decreased oxygen delivery, increased oxygen demands, and systemic but not lung parenchymal lipid peroxidation (Demling and LaLonde). 1990;108:544-52
Society of University Surgeons
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Somatostatin
Direct proabsorptive effect of octreotide on ionic transport in the small intestine (Anthone et al). 1990;108:1136-42
The effect of somatostatin on 5-hydroxytryptamine release from a carcinoid tumor (Lawrence et al). 1990;108:1131-5
Somatostatin, analogs and derivatives
Effects of tamoxifen and somatostatin analogue on growth of human medullary, follicular, and papillary thyroid carcinoma cell lines: tissue culture and nude mouse xenograft studies (Weber et al). 1990;108:1065-71
Somatostatin analogue in treatment of coexisting glucagonoma and pancreatic pseudocyst: dissociation of responses (Moattari et al). 1990;108:581-7 (Brief clin. rep.)
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Src oncogenes; *see* **Oncogenes**
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Stomach neoplasms
The roll of gastric resection in the management of multicentric argyrophil gastric carcinoids (Wängberg et al). 1990;108:851-7
Stress, psychological
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Subclavian vein, pathology
Subclavian vein thrombosis: a continuing challenge (Hill and Berry). 1990;108:1-9 (Clin. rev.)
Sucrase-isomaltase complex
Sucrase-isomaltase: a marker associated with the progression of adenomatous polyps to adenocarcinomas (Wiltz et al). 1990;108:269-76
Superoxide dismutase
Superiority of substrate enhancement over oxygen free-radical scavengers during extended periods of cold storage for cardiac transplantation (Lazar et al). 1990;108:423-30
Surgical clerkship
Test performance of a local examination at a nonlocal site for evaluation of surgical clerks (Dunnington et al). 1990;108:236-9
Surgical staplers
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Effects of tamoxifen and somatostatin analogue on growth of human medullary, follicular, and papillary thyroid carcinoma cell lines: tissue culture and nude mouse xenograft studies (Weber et al). 1990;108:1065-71
Short-term tamoxifen plus chemotherapy: superior results in node-positive breast cancer (Crowe et al). 1990;108:619-28
Tamoxifen potentiates in vivo antitumor activity of interleukin-2 (Kim et al). 1990;108:139-45
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Actin architecture of cultured human thyroid cancer cells: predictor of differentiation? (Demeure et al). 1990;108:986-93
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Intraarterial extension of thyroid cancer: technique and results of a radical surgical approach (Niederle et al). 1990;108:951-7
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Heparin-induced thrombocytopenia in patients who undergo open heart surgery (Walls et al). 1990;108:686-93
Thrombophlebitis
Analysis of 1084 consecutive lower extremities involved with acute venous thrombosis diagnosed by duplex scanning (Kerr et al). 1990;108:520-7
Thrombosis
Subclavian vein thrombosis: a continuing challenge (Hill and Berry). 1990;108:1-9 (Clin. rev.)
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Actin architecture of cultured human thyroid cancer cells: predictor of differentiation? (Demeure et al). 1990;108:986-93
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Effects of tamoxifen and somatostatin analogue on growth of human medullary, follicular, and papillary thyroid carcinoma cell lines: tissue culture and nude mouse xenograft studies (Weber et al). 1990;108:1065-71
Follicular cell predominance in the cytologic examination of dominant thyroid nodules indicates a sixty percent incidence of neoplasia (De Jong et al). 1990;108:794-800
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Prognostic significance of nondiploid DNA determined by flow cytometry in sporadic and familial medullary thyroid carcinoma (Hay et al). 1990;108:972-80
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Tomography, x-ray computed
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Torso, injuries
Inadequate granulopoiesis after major torso trauma: a hematopoietic regulatory paradox (Moore et al). 1990;108:667-75
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A technique for reducing the size discrepancy between large reversed veins and small arteries (Friedman et al). 1990;108:90-1 (Surg. tech.)
Transplantation, heterologous
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Function in athymic nude mice of parathyroid heterografts from patients with primary hyperparathyroidism and secondary hyperparathyroidism (Schachter et al). 1990;108:1040-6
The vascular endothelial cell is central to xenogeneic immune reactivity (Haisch et al). 1990;108:306-11
Transplantation, homologous
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Improved preservation of the rat liver for orthotopic liver transplantation: use of University of Wisconsin–lactobionate solution and retrograde reflushing (Liu et al). 1990;108:890-7
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Pretransplant portal venous administration of donor antigen and portal venous allograft drainage synergistically prolong rat cardiac allograft survival (Kamei et al). 1990;108:415-22
Production of antiidiotypic antibodies in the rat: in vitro characterization of specificity and correlation with in vivo specific suppression of cardiac allograft immune reaction across major histocompatability complex (Wasfie et al). 1990;108:431-41
Prolonged survival of nonhuman primate renal allograft recipients treated only with anti-CD4 monoclonal antibodies (Cosimi et al). 1990;108:406-14
Rejection of multivisceral allografts in rats: a sequential analysis with comparison to isolated orthotopic small-bowel and liver grafts (Murase et al). 1990;108:880-9
Superiority of substrate enhancement over oxygen free-radical scavengers during extended periods of cold storage for cardiac transplantation (Lazar et al). 1990;108:423-30
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Vagotomy
Decreased parietal cell acid secretion after vagotomy is not associated with altered gastric prostaglandin levels (Zdon et al). 1990;108:763-8
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Assessment of cardiac function in patients who were morbidly obese (Alaud-din et al). 1990;108:809-20
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Arginine enhances wound healing and lymphocyte immune responses in humans (Barbul et al). 1990;108:331-7
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